

L Number	Hits	Search Text	DB	Time stamp
1	2	("6132472").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/21 17:15
2	1	((("6132472").PN.) and biodegrad\$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/21 17:33
3	135	tissue adj press	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/21 17:33
4	33	tissue adj press and 623/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/21 17:52
5	0	623/23.72,23.73,23.74,23.52,23.75	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/21 18:00
6	409	((623/23.72,23.73,23.74,23.52,23.75) or (606/68)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/21 18:01
7	52	(606/68).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/21 18:13
8	357	(623/23.72,23.73,23.74,23.52,23.75).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/21 18:26
9	2	("5084050").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/21 18:36
10	88	5084050.URPN.	USPAT	2003/02/21 18:26
11	159	(606/77).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/21 18:36

L Number	Hits	Search Text	DB	Time stamp
1	10	(606/63.ccls. or 606/68.ccls.) and (expand or expandable or expanded) with fluid	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/21 19:04
2	190	(606/\$.ccls. or 623/\$.ccls.) and (expand or expandable or expanded) with body adj fluid	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/02/21 19:06

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4	US 3833003		USP	19740903	8	
	US 3867329		USP	19750118	8	
6	US 4130119		USP	19781219	7	
7	US 4157085		USP	19790605	7	
8	US 4501264		USP	19850226	7	
9	EP 193406		EPO	19860903		
10	US 4641653		USP	19870210	9	
11	US 4787388		USP	19881129	5	
12	US 4846791		USP	19890711	11	
13	US 4865031		USP	19890912	6	
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15	US 4966605		USP	19901030	8	
16	US 4969890		USP	19901113	17	
17	US 5005591		USP	19910409	8	
18	US 5021059		USP	19910604	14	
19	US 5026389		USP	19910625	9	
20	EP 448004		EPO	19910925		
21	US 5061274		USP	19911029	10	
22	EP 467516		EPO	19920122		
23	US 5084050		USP	19920128	11	
24	US 5190058		USP	19930302	8	
25	US 5192302		USP	19930309	15	
26	US 5234457		USP	19930810	14	
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28	US 5290310		USP	19940301	15	
29	US 5304121		USP	19940419	16	
30	US 5324306		USP	19940628	16	
31	US 5326350		USP	19940705	11	
32	US 5329846		USP	19940719	19	
33	US 5336163		USP	19940809	7	
34	US 5370660		USP	19941206		
35	US 5382261		USP	19950117		
36	US RE34866		USP	19950221		
37	US 5403280		USP	19950404		
38	US 5405377		USP	19950411		

US-PAT-NO: 3867329

DOCUMENT-IDENTIFIER: US 3867329 A

TITLE: Composition for a hydrogel dilator article of manufacture and method for making same

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Detailed Description Text - DETX (2):

Referring now to the invention, there is hereinafter described a composition for as well as a method of forming an article of manufacture resulting in a hydrogel dilation device. The device is formed in a rod like contour defining a cylinder or truncated cone shape. The device may be inserted into the cervix or other body opening which is to be dilated. Absorption of body fluid or other fluid inserted into the dilation device causes it to expand. The expanding hydrogel device forces the distension of a contiguous body part.

Current US Cross Reference Classification - CCXR (11):

G06/192

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1	US 3657744		USP:19720425		6
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3	US 3831203		USP:19740827		7
4	US 3833003		USP:19740903		8
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10	US 4641653		USP:19870210		9
11	US 4787388		USP:19881129		5
12	US 4846791		USP:19890711		11
13	US 4865031		USP:19890912		6
14	US 4890612		USP:19900102		11
15	US 4966605		USP:19901030		8
16	US 4969890		USP:19901113		17
17	US 5005591		USP:19910409		8
18	US 5021059		USP:19910604		14
19	US 5026389		USP:19910625		9
20	EP 448004		EPO:19910925		
21	US 5061274		USP:19911029		10
22	EP 467516		EPO:19920122		
23	US 5084050		USP:19920128		11
24	US 5190058		USP:19930302		8
25	US 5192302		USP:19930309		15
26	US 5234457		USP:19930810		14
27	US 5254105		USP:19931019		9
28	US 5290310		USP:19940301		15
29	US 5304121		USP:19940419		16
30	US 5324306		USP:19940628		16
31	US 5326350		USP:19940705		11
32	US 5329846		USP:19940719		19
33	US 5336163		USP:19940809		7
34	US 5370660		USP:19941206		
35	US 5382261		USP:19950117		
36	US RE34866		USP:19950221		
37	US 5403280		USP:19950404		
38	US 5405377		USP:19950411		

US-PAT-NO: 4157085

DOCUMENT-IDENTIFIER: US 4157085 A

TITLE: Surgically implantable tissue expanding device and the method of its use

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Detailed Description Text - DETX (15):

Envelope 20 has expanded due to the passing of extracellular body fluid across the membrane which forms envelope 20. Skin 21 has expanded corresponding to the expansion of envelope 20. It is observed from experimental procedures that skin 21 can be extended without significant stretching or thinning.

Claims Text - CLTX (1):

1. A surgically implantable device for expanding skin tissue and mucous membrane, the device comprising a partially collapsed sealed flexible envelope formed substantially from a membrane which is permeable to extracellular body fluid and a material contained within the envelope which is selected to provide sufficient osmotic pressure across the membrane to draw extracellular fluid thereacross, causing the envelope to expand and resulting in corresponding expansion of tissue under which the device is implanted.

Current US Cross Reference Classification - CCXR (2):

62278

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1	US 3657744	USP	19720425	6
2	US 3710789	USP	19730116	5
3	US 3831203	USP	19740827	7
4	US 3833003	USP	19740903	8
5	US 3867329	USP	19750218	8
6	US 4130119	USP	19781219	7
7	US 4157085	USP	19790605	7
8	US 4501264	USP	19850226	7
9	EP 193406	A EPO	19860903	15
10	US 4641653	USP	19870210	9
11	US 4787388	USP	19881129	5
	US 4846791	USP	19900411	11
13	US 4865031	USP	19890912	6
14	US 4890612	USP	19900102	11
15	US 4966605	USP	19901030	8
16	US 4969890	USP	19901113	17
17	US 5005591	USP	19910409	8
18	US 5021059	USP	19910604	14
19	US 5026389	USP	19910625	9
20	EP 448004	EPO	19910925	
21	US 5061274	USP	19911029	10
22	EP 467516	EPO	19920122	
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31	US 5326350	USP	19940705	11
32	US 5329846	USP	19940719	19
33	US 5336163	USP	19940809	7
34	US 5370660	USP	19941206	
35	US 5382261	USP	19950117	
36	US RE34866	USP	19950221	
37	US 5403280	USP	19950404	
38	US 5405377	USP	19950411	
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US-PAT-NO: 4846791

DOCUMENT-IDENTIFIER: US 4846791 A

TITLE: Multi-lumen catheter

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Brief Summary Text - BSTX (9):

U.S. Pat. No. 4,668,221 issued to Luther pertains to the assembly of a stylet and catheter. A solid stylet is mounted through the catheter to enable more accurate piercing of the blood vessel, and to reduce the possibility of double piercing the vein. The catheter is made of a hydrophilic polymer which expands from the stylet after contacting body fluids. This permits the stylet to be withdrawn while leaving the catheter in place in the vein. The possibility of a plurality of lumens in the catheter is discussed.

Current US Cross Reference Classification - CCXR (3):

6067198